

DATUM = NGVD 29 (METERS)

PARSONS
100 HIGH STREET
BOSTON, MA 02110

HTL = 1.71 m
MLW = -1.4 m
MHW = 1.33 m
100 YR FL EL = 3.2 m
50 YR FL EL = 3.1 m
10 YR FL EL = 2.8 m

WATER STREET PROFILE AT BRIDGE

HORIZ. SCALE IN METERS



RECONSTRUCTION OF BRIDGE D-03-013,
ROUTE 35 OVER THE WATERS RIVER IN DANVERS,
ESSEX COUNTY, MA

MASS DOT Project File # 606609
DATE: 1/11/2013 SHEET 6 OF 19

CONSTRUCTION SEQUENCE – STAGE 1A:

1. PLACE ANY REQUIRED ENVIRONMENTAL CONTROLS.
2. FIELD LOCATE ALL UTILITIES AND EXISTING STRUCTURES WHICH MAY INTERFERE WITH THE PROPOSED CONSTRUCTION AND RELOCATE AS REQUIRED.
3. REMOVE EXISTING SHEETING SECTIONS AS SHOWN ON CONSTRUCTION SEQUENCING DRAWINGS.

CONSTRUCTION SEQUENCE – STAGE 1B:

4. INSTALL STAGE 1 SEDIMENT CONTROL WALL PILES ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.
5. INSTALL PILES FOR STAGE 1 SEDIMENTATION CONTROL WALL ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.
6. INSTALL STEEL PLATES FOR STAGE 1 SEDIMENT CONTROL WALL ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.
7. INSTALL TURBIDITY CONTROL CURTAIN ON WEST SIDE. INSTALL STAGE 1 PERIMETER SHEET PILING AT THE LOCATIONS AND ELEVATIONS SHOWN. INSTALL REQUIRED RIPRAP THE SAME DAY AS SHEET PILE INSTALLATION. WHERE EXISTING RIPRAP IS ENCOUNTERED PRE-EXCAVATION WILL BE REQUIRED FOR SHEET PILE INSTALLATION. REMOVE TURBIDITY CONTROL CURTAIN.
8. CONNECT STAGE 1 SEDIMENT CONTROL WALL TO STAGE 1 PERIMETER SHEET PILING AND EXISTING ABUTMENT WALLS AS SHOWN.
9. INSTALL THE SHEETING FOR THE DEADMAN SUPPORT SYSTEM.
10. LOCALLY EXCAVATE AS REQUIRED TO REMOVE EXISTING WING WALL FOUNDATIONS AND TIMBER PILES AT THE WEST SIDE OF THE EXISTING NORTH ABUTMENT FOR INSTALLATION OF SHEET PILE COFFERDAM WALL.
11. LOCALLY EXCAVATE TO ELEVATION +1.7m IN AREA SHOWN. CONTRACTOR TO VERIFY EXISTING SHEET PILE WALL BEHIND EXISTING SOUTH ABUTMENT IS ADEQUATE TO SUPPORT CONTRACTOR'S CONSTRUCTION EQUIPMENT. CONTRACTOR HAS THE OPTION TO INSTALL SUPPLEMENTAL DEADMAN SUPPORT SYSTEM (DESIGN BY CONTRACTOR).
12. REMOVE SECTION OF EXISTING SOUTH ABUTMENT WALL AND UNDERLYING SLAB SECTION UP TO THE SOLDIER PILE WALL IN THE WET IN STAGE 1 AREA AS SHOWN. SURVEY LOCATION OF EXISTING TIMBER PILES.
13. LOCALLY EXCAVATE AS REQUIRED TO REMOVE EXISTING WINGWALL FOUNDATION AND FOUNDATION PILES ON WEST SIDE OF EXISTING NORTH AND SOUTH ABUTMENT.

CONSTRUCTION SEQUENCE – STAGE 1C:

14. INSTALL FIRST SEGMENT OF PIER COFFERDAM. IF NORTH WALL OF THE NEW PIER COFFERDAM CANNOT BE INSTALLED AS SHOWN DUE TO CONFLICT WITH TIMBER PILES, MOVE COFFERDAM WALL TO NORTH SIDE OF THE EXISTING FOUNDATION TIMBER PILES. POSITION SHEET PILES OF THE EAST WALL OF THE CENTER PIER COFFERDAM SO THAT PIER FOUNDATION PILES CAN BE DRIVEN IN BELLIES OF SHEETING. REMOVE ONLY EXISTING SHEET PILES THAT INTERFERE WITH INSTALLATION OF COFFERDAM.
15. INSTALL STAGE 1 SHEET PILING AT THE LOCATIONS AND ELEVATIONS SHOWN FOR THE NORTH ABUTMENT AND SOUTH ABUTMENT COFFERDAMS.
16. LOCALLY PRE-EXCAVATE TO ELEVATION +1.7m IN AREA SHOWN NORTH OF STAGE 1 NORTH ABUTMENT COFFERDAM.
17. EXCAVATE WITHIN THE NORTH ABUTMENT, PIER, AND SOUTH ABUTMENT COFFERDAMS TO NO MORE THAN 600 mm BELOW THE BRACING ELEVATIONS. REMOVE EXISTING SHEETING WITHIN PIER COFFERDAM.
18. INSTALL BRACING SYSTEM AT THE LOCATIONS AND ELEVATIONS SHOWN FOR THE NORTH ABUTMENT, PIER AND SOUTH ABUTMENT COFFERDAMS.
19. EXCAVATE TO THE BOTTOM OF TREMIE ELEVATION AT THE NORTH AND SOUTH ABUTMENT COFFERDAMS IN THE WET MAINTAINING EQUAL WATER LEVEL ON INSIDE AND OUTSIDE OF COFFERDAM. DO NOT EXCEED THE MAXIMUM EXCAVATION DEPTHS SHOWN ON THE PLANS.
20. EXCAVATE TO 400 mm BELOW THE BOTTOM OF PIER ELEVATION AT THE PIER COFFERDAM. CENTER PIER EXCAVATION MAY BE PERFORMED IN THE DRY. DO NOT EXCEED THE MAXIMUM EXCAVATION DEPTHS SHOWN. REMOVE EXISTING SHEET PILES WITHIN STAGE 1 CENTER PIER COFFERDAM.
21. INSTALL STAGE 1 FOUNDATION PILES AS REQUIRED WITHIN THE NEW NORTH ABUTMENT, PIER, AND SOUTH ABUTMENT COFFERDAMS.
22. PLACE TREMIE SEAL TIGHT TO SHEETING AT STAGE 1 NORTH AND SOUTH ABUTMENT COFFERDAMS. AFTER TREMIE SEAL ACHIEVES A COMPRESSIVE STRENGTH OF 21 MPa, REMOVE BRACING AT NORTH AND SOUTH ABUTMENT COFFERDAMS AS REQUIRED AND DEWATER COFFERDAMS.
23. PLACE 400 mm THICKNESS OF CRUSHED STONE AT BASE OF CENTER PIER COFFERDAM EXCAVATION. CONSTRUCT FOUNDATION WITHIN CENTER PIER COFFERDAM, PLACE STRUCTURAL BACKFILL AND 300mm THICK UNREINFORCED SLAB TIGHT TO TO SHEETING AS SHOWN. AFTER FOUNDATION AND 300mm THICK UNREINFORCED SLAB WITHIN CENTER PIER COFFERDAM REACHES A COMPRESSIVE STRENGTH OF 21 MPa, REMOVE BRACING AT CENTER PIER COFFERDAM.

24. CONSTRUCT STAGE 1 ABUTMENTS AND CENTER PIER WITHIN ABUTMENT AND PIER COFFERDAMS.
25. EXCAVATE AREA BETWEEN NORTH ABUTMENT COFFERDAM SHEETING AND EXISTING SHEETING SECTION NORTH OF EXISTING NORTH ABUTMENT TO ELEVATION +0.2 METERS. REMOVE SECTION OF EXISTING SHEETING AS SHOWN.
26. REMOVE SECTION OF EXISTING NORTH ABUTMENT WALL AS SHOWN WITHIN STAGE 1 AREA TO THE TOP OF EXISTING SLAB IN THE WET.
27. LOCALLY EXCAVATE IN STAGE 1 AREA TO INSTALL NEW BRIDGE BEAMS AS REQUIRED TO RELOCATE EXISTING UTILITIES AS SHOWN.
28. CUT CENTER PIER AND ABUTMENT COFFERDAM SHEETING AS REQUIRED (NO LOWER THAN ELEVATION 1.7 METERS) TO INSTALL BRIDGE BEAMS FOR UTILITY RELOCATION.

CONSTRUCTION SEQUENCE – STAGE 1D:

29. INSTALL BRIDGE BEAMS No. 9, No. 10, No. 19 AND No. 20.
30. RELOCATE EXISTING GAS AND SEWER UTILITIES TO THEIR PROPOSED FINAL LOCATION ON BRIDGE.

CONSTRUCTION SEQUENCE – STAGE 1E:

31. EXTEND STAGE 1 SEDIMENT CONTROL WALL TO ALLOW FOR REMOVAL OF REMAINING EXISTING ABUTMENTS AND SLABS WITHIN STAGE 1.
32. REMOVE REMAINING PORTION OF EXISTING SOUTH ABUTMENT WALL AS SHOWN. REMOVE EXISTING SLAB AS REQUIRED TO INSTALL NEW SHEET PILING.
33. INSTALL CLOSURE WALL BETWEEN STAGE 1 AND STAGE 2 CONSTRUCTION LIMITS.
34. REMOVE EXISTING SHEETING ADJACENT TO CENTERLINE OF CONSTRUCTION BASELINE AS SHOWN ON CONSTRUCTION SEQUENCING DRAWINGS.
35. LOCALLY EXCAVATE IN THE WET WITHIN STAGE 1 AREA BETWEEN THE CENTER PIER AND SOUTH ABUTMENT COFFERDAMS TO NO MORE THAN 600 mm BELOW THE DEADMAN SUPPORT SYSTEM BRACING ELEVATIONS SHOWN.
36. INSTALL THE DEADMAN SUPPORT SYSTEM BRACING AT THE LOCATIONS AND ELEVATIONS SHOWN.

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CONSTRUCTION SEQUENCE NOTES 1 OF 3

RECONSTRUCTION OF BRIDGE D-03-013,
ROUTE 35 OVER THE WATERS RIVER IN DANVERS,
ESSEX COUNTY, MA

MASS DOT Project File # 606609
DATE: 1/11/2013 SHEET 7 OF 19

CONSTRUCTION SEQUENCE – STAGE 1F:

37. INSTALL STAGE 1 SHEET PILING AT THE LOCATIONS AND ELEVATIONS SHOWN FOR THE REMAINDER OF THE NORTH ABUTMENT AND SOUTH ABUTMENT COFFERDAMS.
38. INSTALL REMAINDER OF NEW STAGE 1 CENTER PIER COFFERDAM. IF NORTH WALL OF THE NEW CENTER PIER COFFERDAM CANNOT BE INSTALLED AS SHOWN DUE TO CONFLICT WITH TIMBER PILES, MOVE COFFERDAM WALL TO NORTH SIDE OF THE EXISTING FOUNDATION TIMBER PILES.
39. EXCAVATE WITHIN THE NORTH ABUTMENT, CENTER PIER, AND SOUTH ABUTMENT COFFERDAMS TO NO MORE THAN 600 mm BELOW THE BRACING ELEVATIONS. REMOVE EXISTING SHEETING WITHIN CENTER PIER COFFERDAM.
40. INSTALL BRACING SYSTEM AT THE LOCATIONS AND ELEVATIONS SHOWN FOR THE NORTH ABUTMENT, CENTER PIER AND SOUTH ABUTMENT COFFERDAMS.
41. EXCAVATE TO THE BOTTOM OF TREMIE ELEVATION AT THE STAGE 1 NORTH AND SOUTH ABUTMENT COFFERDAMS IN THE WET MAINTAINING EQUAL WATER LEVEL ON INSIDE AND OUTSIDE OF COFFERDAM. DO NOT EXCEED THE MAXIMUM EXCAVATION DEPTHS SHOWN ON THE PLANS.
42. EXCAVATE TO 400 mm BELOW THE BOTTOM OF PIER ELEVATION AT THE CENTER PIER STAGE 1 COFFERDAM. CENTER PIER EXCAVATION MAY BE PERFORMED IN THE DRY. DO NOT EXCEED THE MAXIMUM EXCAVATION DEPTHS SHOWN. REMOVE EXISTING SHEET PILES WITHIN STAGE 1 CENTER PIER COFFERDAM. REMOVE STAGE 1 CENTER PIER CLOSURE WALL SHEET PILES IF NECESSARY TO INSTALL CENTER PIER FOUNDATION PILES, OTHERWISE CUT STAGE 1 CENTER PIER CLOSURE WALL AT BOTTOM OF PIER ELEVATION.
43. LOCALLY REMOVE SECTIONS OF EXISTING WINGWALL FOUNDATIONS WITHIN NORTH ABUTMENT AND CENTER PIER COFFERDAMS AS REQUIRED TO ALLOW INSTALLATION OF REMAINING STAGE 1 FOUNDATION PILES.
44. INSTALL REMAINING STAGE 1 FOUNDATION PILES AS REQUIRED FOR THE NEW NORTH ABUTMENT, CENTER PIER, AND SOUTH ABUTMENT.
45. PLACE TREMIE SEAL TIGHT TO SHEETING AT STAGE 1 NORTH AND SOUTH ABUTMENT COFFERDAMS. AFTER TREMIE SEAL ACHIEVES A COMPRESSIVE STRENGTH OF 21 MPa, REMOVE BRACING AT NORTH AND SOUTH ABUTMENT COFFERDAMS AS REQUIRED AND DEWATER COFFERDAMS.
46. PLACE 400 mm THICKNESS OF CRUSHED STONE AT BASE OF CENTER PIER COFFERDAM EXCAVATION. CONSTRUCT CENTER PIER FOUNDATION, PLACE STRUCTURAL BACKFILL AND 300mm THICK UNREINFORCED SLAB TIGHT TO SHEETING AS SHOWN. AFTER FOUNDATION AND 300mm THICK UNREINFORCED SLAB WITHIN CENTER PIER COFFERDAM REACHES A COMPRESSIVE STRENGTH OF 21

Mpa, REMOVE BRACING AT CENTER PIER COFFERDAM.

47. CUT STAGE 1 NORTH AND SOUTH ABUTMENT CLOSURE WALLS AT TOP OF TREMIE ELEVATION. CONSTRUCT REMAINDER OF STAGE 1 ABUTMENTS FOUNDATIONS, AND ABUTMENTS AND CENTER PIER.
48. REMOVE REMAINING SECTIONS OF EXISTING NORTH ABUTMENT WALLS WITHIN STAGE 1 AREA TO THE TOP OF EXISTING SLAB IN THE WET.

CONSTRUCTION SEQUENCE – STAGE 1G:

49. EXCAVATE THE REMAINDER OF THE STAGE 1 AREA BETWEEN THE CENTER PIER AND SOUTH ABUTMENT COFFERDAMS IN THE WET AS REQUIRED BY THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND PROJECT REQUIREMENTS.
50. REMOVE STEEL PLATES FOR STAGE 1 SEDIMENT CONTROL WALL ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.
51. CUT PILES FOR STAGE 1 SEDIMENT CONTROL WALL TO TOP OF EXISTING SLAB ELEVATION ALONG SOUTH SIDE OF NORTH ABUTMENT.
52. PLACE STRUCTURAL FILL BEHIND NORTH AND SOUTH ABUTMENT WALLS WITHIN ANNULUS BETWEEN WALL AND SHEET PILE TO ELEVATION +1.7 METERS.
53. CUT NORTH SIDE OF NORTH ABUTMENT COFFERDAM SHEET PILES AND SOUTH SIDE OF SOUTH ABUTMENT COFFERDAM SHEET PILES TO ELEVATION +1.7 METERS.
54. PLACE REMAINING RIP RAP IN THE STAGE 1 AREA AS REQUIRED BY THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND PROJECT REQUIREMENTS.
55. CONSTRUCT THE REMAINDER OF THE STAGE 1 BRIDGE SUPERSTRUCTURE AS REQUIRED BY THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND PROJECT REQUIREMENTS.

60. INSTALL PILES FOR STAGE 2 SEDIMENTATION CONTROL WALL ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.
61. INSTALL STEEL PLATES FOR STAGE 2 SEDIMENT CONTROL WALL ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.
62. INSTALL TURBIDITY CONTROL CURTAIN ON EAST SIDE. INSTALL STAGE 2 PERIMETER SHEET PILING AT THE LOCATIONS AND ELEVATIONS SHOWN. INSTALL REQUIRED RIPRAP THE SAME DAY AS SHEET PILE INSTALLATION. WHERE EXISTING RIPRAP IS ENCOUNTERED PRE-EXCAVATION WILL BE REQUIRED FOR SHEET PILE INSTALLATION. REMOVE TURBIDITY CONTROL CURTAIN WHEN INSTALLATION OF RIPRAP HAS BEEN COMPLETED.
63. CONNECT STAGE 2 SEDIMENT CONTROL WALL TO STAGE 2 PERIMETER SHEETING AND NORTH ABUTMENT AND CENTER PIER COFFERDAMS AS SHOWN.
64. LOCALLY EXCAVATE AS REQUIRED TO REMOVE EXISTING WING WALL FOUNDATIONS AND TIMBER PILES AT THE EAST SIDE OF THE EXISTING NORTH AND SOUTH ABUTMENTS. INSTALL SHEETING AS REQUIRED TO MAINTAIN STABILITY OF DEADMAN ANCHOR (TO BE DESIGNED BY CONTRACTOR).

CONSTRUCTION SEQUENCE – STAGE 2A:

56. PLACE ANY REQUIRED ENVIRONMENTAL CONTROLS.
57. FIELD LOCATE ALL UTILITIES AND EXISTING STRUCTURES WHICH MAY INTERFERE WITH THE PROPOSED CONSTRUCTION AND RELOCATE AS REQUIRED.
58. REMOVE REMAINDER OF EXISTING BRIDGE DECK SLAB.
59. DRILL HOLES THROUGH EXISTING SLAB FOR INSTALLATION OF STAGE 2 SEDIMENT CONTROL WALL PILES ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.

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BOSTON, MA 02110

HTL = 1.71 m
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CONSTRUCTION SEQUENCE NOTES 2 OF 3

RECONSTRUCTION OF BRIDGE D-03-013,
ROUTE 35 OVER THE WATERS RIVER IN DANVERS,
ESSEX COUNTY, MA

MASS DOT Project File # 606609
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CONSTRUCTION SEQUENCE – STAGE 2B:

65. INSTALL STAGE 2 SHEET PILING AT THE LOCATIONS AND ELEVATIONS SHOWN ON THESE DRAWINGS FOR THE NORTH ABUTMENT, CENTER PIER, AND SOUTH ABUTMENT COFFERDAMS.
66. LOCALLY PRE-EXCAVATE TO ELEVATION +1.7m IN AREAS SHOWN.
67. EXCAVATE WITHIN THE STAGE 2 NORTH ABUTMENT, CENTER PIER, AND SOUTH ABUTMENT COFFERDAMS TO NO MORE THAN 600 mm BELOW THE BRACING ELEVATIONS.
68. INSTALL BRACING SYSTEM AT THE LOCATIONS AND ELEVATIONS SHOWN FOR THE STAGE 2 NORTH ABUTMENT, CENTER PIER AND SOUTH ABUTMENT COFFERDAMS.
69. EXCAVATE TO THE BOTTOM OF TREMIE ELEVATION AT THE STAGE 2 NORTH AND SOUTH ABUTMENT COFFERDAMS IN THE WET MAINTAINING EQUAL WATER LEVEL ON INSIDE AND OUTSIDE OF COFERDAM. DO NOT EXCEED THE MAXIMUM EXCAVATION DEPTHS SHOWN.
70. EXCAVATE TO 400 mm BELOW THE BOTTOM OF PIER ELEVATION AT THE CENTER PIER STAGE 2 COFFERDAM. CENTER PIER EXCAVATION MAY BE PERFORMED IN THE DRY. DO NOT EXCEED THE MAXIMUM EXCAVATION DEPTHS SHOWN.
71. INSTALL STAGE 2 FOUNDATION PILES FOR THE NEW NORTH ABUTMENT, CENTER PIER, AND SOUTH ABUTMENT.
72. PLACE TREMIE SEAL TIGHT TO SHEETING AT STAGE 2 NORTH AND SOUTH ABUTMENT COFFERDAMS. AFTER TREMIE SEAL ACHIEVES A COMPRESSIVE STRENGTH OF 21 MPa, REMOVE BRACING AS REQUIRED AND DEWATER COFFERDAMS.
73. CUT SHEETING BETWEEN STAGE 1 AND STAGE 2 COFFERDAMS AT THE NORTH AND SOUTH ABUTMENTS TO TOP OF TREMIE SLAB, AND AT CENTER PIER TO BOTTOM OF PIER.
74. PLACE 400 mm THICKNESS OF CRUSHED STONE AT BASE OF CENTER PIER COFFERDAM EXCAVATION. CONSTRUCT STAGE 2 ABUTMENTS AND CENTER PIER.
75. LOCALLY EXCAVATE IN THE WET WITHIN STAGE 2 AREA BETWEEN THE CENTER PIER AND SOUTH ABUTMENT COFFERDAMS. DEADMAN SUPPORT SYSTEM TIE RODS MAY BE REMOVED ONCE THIS STAGE 2 AREA HAS BEEN EXCAVATED TO ELEVATION 0.0 METERS.
76. EXCAVATE THE REMAINDER OF THE STAGE 2 AREA BETWEEN THE CENTER PIER AND SOUTH ABUTMENT COFFERDAMS IN THE WET AS REQUIRED BY THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND PROJECT REQUIREMENTS. REMOVE SHEETING FOR DEADMAN SUPPORT SYSTEM INCLUDING CLOSURE WALL SEPARATING STAGE 1 AND STAGE 2 AREAS BETWEEN THE CENTER PIER AND SOUTH ABUTMENT.

77. EXCAVATE AREA BETWEEN STAGE 2 NORTH ABUTMENT COFFERDAM SHEETING AND NORTH ABUTMENT WALL TO ELEVATION +0.2 METERS.
78. REMOVE REMAINING SECTIONS OF EXISTING NORTH AND SOUTH ABUTMENT WALLS WITHIN STAGE 2 AREA TO THE TOP OF EXISTING SLAB IN THE WET.
79. REMOVE STEEL PLATES FOR STAGE 2 SEDIMENT CONTROL WALL ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.
80. CUT PILES FOR STAGE 2 SEDIMENT CONTROL WALL TO TOP OF EXISTING SLAB ELEVATION ALONG SOUTH SIDE OF NORTH ABUTMENT AND NORTH SIDE OF SOUTH ABUTMENT.
81. PLACE STRUCTURAL FILL BEHIND NORTH AND SOUTH ABUTMENT WALLS WITHIN ANNULUS BETWEEN WALL AND SHEET PILE TO ELEVATION +1.7 METERS.
82. CUT NORTH SIDE OF NORTH ABUTMENT COFFERDAM SHEET PILES AND SOUTH SIDE OF SOUTH ABUTMENT COFFERDAM SHEET PILES TO ELEVATION +1.7 METERS.
83. PLACE REMAINING RIP RAP IN THE STAGE 2 AREA AS REQUIRED BY THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND PROJECT REQUIREMENTS.

82. PLACE REMAINING RIP RAP AS REQUIRED BY THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND PROJECT REQUIREMENTS.

CONSTRUCTION SEQUENCE – STAGE 3:

84. REMOVE STAGE 1 AND STAGE 2 PERIMETER SHEETING AFTER ALL RIP RAP IS INSTALLED.
85. INSTALL CHANNEL CLOSURE SHEETING AT THE LOCATIONS AND ELEVATIONS SHOWN ON THESE DRAWINGS ONCE FLOW THROUGH THE CHANNEL BETWEEN THE NEW CENTER PIER AND SOUTH ABUTMENT IS UNOBSTRUCTED IN STAGE 1 AND STAGE 2 AREAS. LOCAL EXCAVATION OF RIP RAP WILL BE REQUIRED PRIOR TO INSTALLATION OF CHANNEL CLOSURE SHEETING.
86. REMOVE REMAINING SECTION OF EXISTING CENTER PIER TO TOP OF SLAB IN THE WET.
87. CONSTRUCT THE REMAINDER OF THE STAGE 2 BRIDGE SUPERSTRUCTURE AS REQUIRED.
88. REMOVE CHANNEL CLOSURE SHEETING.
89. CUT SHEETING FOR CENTER PIER COFFERDAM IN STAGE 1 AND STAGE 2 AREAS AT ELEVATION -2.00 m.
90. CUT SHEETING AT EAST, WEST, AND SOUTH SIDES OF NORTH ABUTMENT COFFERDAM SHEET PILES TO ELEVATION 0.15 m.
91. CUT SHEETING AT EAST, WEST, AND NORTH SIDES OF SOUTH ABUTMENT COFFERDAM SHEET PILES TO ELEVATION 0.15 m.

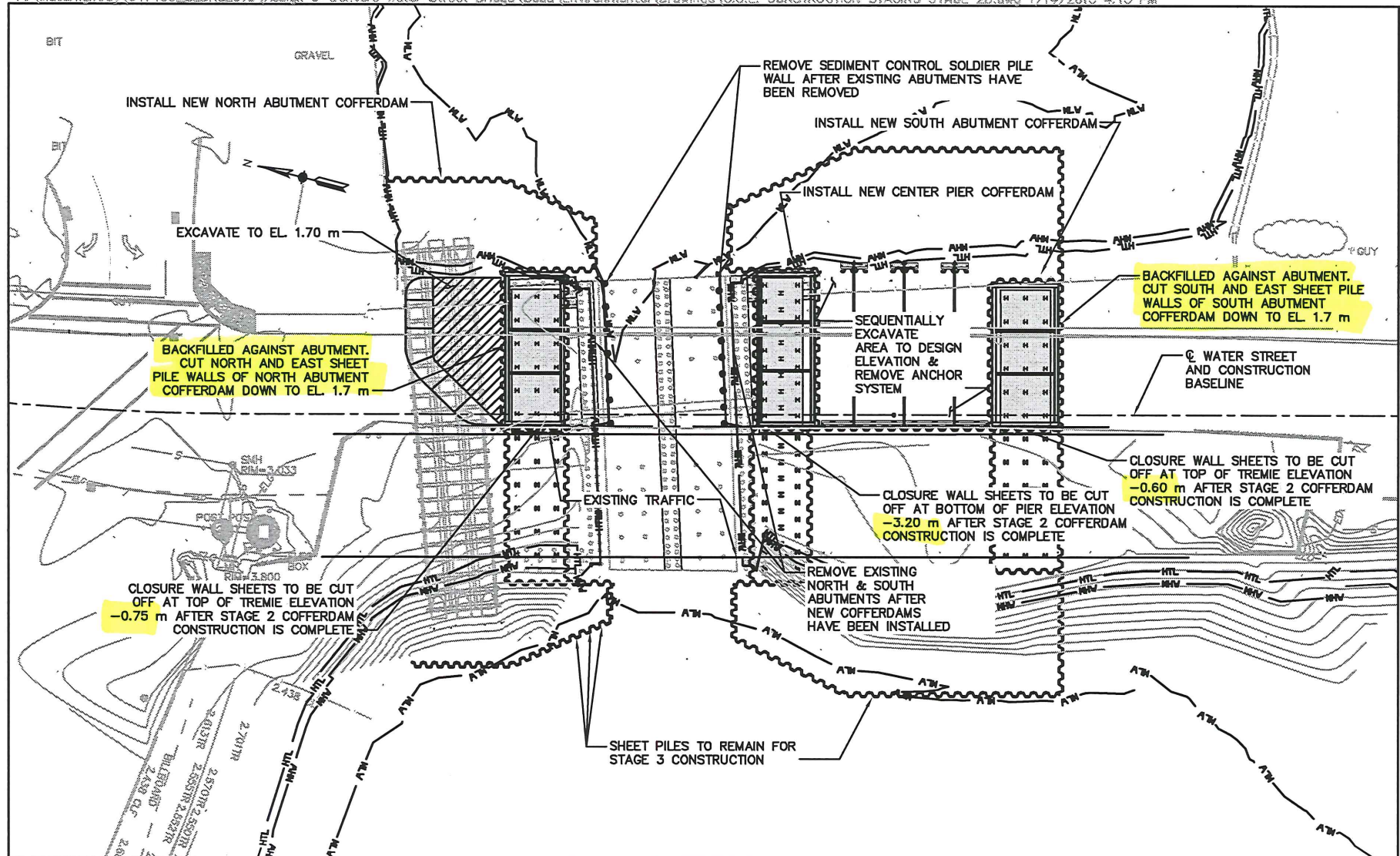
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CONSTRUCTION SEQUENCE NOTES 3 OF 3

RECONSTRUCTION OF BRIDGE D-03-013,
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CONSTRUCTION STAGING - PLAN 2B

HORIZ. SCALE IN METERS



RECONSTRUCTION OF BRIDGE D-03-013,
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DATE: 1/11/2013 SHEET 18 OF 19

